

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 70.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006337**Date Inspected:** 14-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Japan Steel Works**Location:** Muroran, Japan**CWI Name:** Chung Fu Kuan**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower, Jacking and Deviation Saddles**Summary of Items Observed:**

On this date, 4/14/09, Caltrans OSM Quality Assurance Inspector (QAI) Mike Brcic was present during the times noted above for observations relative to the work being performed on cast sections in either the Fabrication shop #4 or Foundry Shop at Japan Steel Works.

W2E3 - Cast section having strongbacks welded inside trough.

W2W1 - Plate portion having bevels prepared to a final condition.

W2W2 - Built up section having Magnetic Particle (dry powder) inspection of root pass on joint identified as W2Y-9V, testing being conducted by M.Sato NDE identification #81, test appears to be conducted per contract documents and special provisions.

W2W3 - Repairs are having their excess reinforcement removed by way of carbon arc, casting has been inverted for access.

T1-1 - Removing strong backs inside trough area.

T1-2 - Saddle section was being back gouged and excess material removed.

T1-3 - Cast portion being positioned for Post Weld Heat Treat.

E2E1 - 3 men mechanical shaping by way of grinding.

E2W1 - Casting sitting idle.

Unless otherwise noted, all observations reported on this date appeared to be in general compliance with applicable contract documents.

WELDING INSPECTION REPORT

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Summary of Conversations:

No significant conversations to report on this day.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy, 1(510)385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Brcic,Michael	Quality Assurance Inspector
Reviewed By:	Lanz,Joe	QA Reviewer
